

Patent Claims:

1. A building board made of OSB (oriented strand
board) which can be laid on beams, which are
5 spaced apart parallel to one another, in order to
form a subfloor in a residential or commercial
building and which has two mutually opposite
longitudinal edges and two mutually opposite
transverse edges running at right angles to the
10 longitudinal edges, one longitudinal edge and one
transverse edge in each case having a tongue and
the opposite longitudinal edge and transverse edge
having a groove corresponding to the tongue, via
which a plurality of building boards can be
15 connected to one another and locked in the
vertical direction in relation to one another,
wherein the tongue and the groove on the
longitudinal edge are designed such that two
boards which are connected to one another at the
20 longitudinal edges are also locked in a horizontal
direction in relation to one another.
2. The building board as claimed in claim 1, wherein
the groove on the longitudinal edge is bounded by
25 a top lip and a bottom lip, the bottom lip
projects laterally beyond the top lip and has a
concave recess over the entire length, and the
tongue has a convex underside which corresponds to
the recess.
3. The building board as claimed in claim 1, wherein
30 the longitudinal edges and the transverse edges
have a chamfer on their top side, with the result
that a V-shaped joint is formed at the connecting
location between two boards.
4. The building board as claimed in claim 1, wherein
35 the board comprises four layers, in which case, in

the two outer layers, the longitudinal direction of the strands is oriented predominantly in the longitudinal direction of the board and, in the two inner layers, the longitudinal direction of the strands is oriented predominantly in the transverse direction of the board.

5. The building board as claimed in claim 1, wherein the strands are glued with an isocyanate resin, a urea resin or a melamine resin.
6. The building board as claimed in claim 1, wherein the top side of the board is provided with markings, along which the board can be fastened on the beams by means of screws or nails.
7. The building board as claimed in claim 1, wherein the bottom lip of the groove , on the longitudinal and/or transverse side, has depressions, which are spaced apart parallel to one another, for accommodating a nail head or screw head.